

Serial No. 09/486,369

Attorney Docket No. 0225-0031.30

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

Claim 1 has been amended as follows:

1. (Twice Amended) In a method for performing a multiplexed determination on a surface of a solid moiety comprising independently addressable sites, the improvement which comprises:

employing mixtures of lanthanide dyes for encoding said sites in said solid moiety;
and

decoding said sites by their emission spectra and quantitatively determining the combination and ratio of said dyes at said sites.